

Title (en)  
ANTI-TUMOR BIVALENT PLATINUM COMPLEX AND PREPARATION METHOD FOR COMPLEX AND LIGAND OF COMPLEX

Title (de)  
BIVALENTER ANTI-TUMOR-PLATINKOMPLEX UND HERSTELLUNGSVERFAHREN FÜR DEN KOMPLEX UND LIGAND DES KOMPLEXES

Title (fr)  
COMPLEXE DU PLATINE BIVALENT ANTITUMORAL ET PROCÉDÉ DE PRÉPARATION D'UN COMPLEXE ET D'UN LIGAND DE COMPLEXE

Publication  
**EP 2913335 A4 20160420 (EN)**

Application  
**EP 13851191 A 20130829**

Priority  
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• CN 2013082513 W 20130829

Abstract (en)  
[origin: EP2913335A1] Platinum complexes containing 3-ketone cyclobutane 1,1-dicarboxylic acid as leaving group for treating cancers and a preparation method of the complexes, one of the platinum complexes is cis-[3-ketone cyclobutane-1,1-dicarboxylic acid radical-diamineplatinum (II)], GSH-5 for short, the chemical structure formula is expressed by formula (1). The other platinum complex is cis-[3-ketone-cyclobutane-1,1-dicarboxylic acid radical- trans-1,2-cyclohexanediamineplatinum (II)], GSH-6 for short, the chemical structure formula is expressed by formula (2). In the formula (2), two chiral carbon atoms marked with \* in the trans-1,2-cyclohexanediamine group are both of R forms or S forms.

IPC 8 full level  
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CPC (source: EP US)  
**A61K 31/282** (2013.01 - US); **A61P 35/00** (2017.12 - EP); **C07F 15/00** (2013.01 - US); **C07F 15/0066** (2013.01 - EP US); **C07F 15/0093** (2013.01 - US)

Citation (search report)  
• [A] WO 2004099224 A1 20041118 - UNIV REGENSBURG [DE], et al  
• [A] CN 101967163 A 20110209 - KUNMING INST OF PRECIOUS METAL, et al  
• [XP] CN 102924528 A 20130213 - UNIV SOUTHEAST  
• See references of WO 2014067336A1

Designated contracting state (EPC)  
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